

**In the Claims:**

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1. (Currently Amended) A patient data information system, comprising:
- 2 a display unit;
- 3 a first application configured to display patient images for a patient on the
- 4 display unit and generate a patient context for the patient;
- 5 a second application; and
- 6 a workstation coupled to the display unit and configured to operate both the
- 7 first application and the second application that reside on the workstation, the first application
- 8 configured to provide the patient context to the second application and the second application
- 9 configured to display patient data on the display unit based on the patient context.
- 1 2. (Original) The patient data information system of claim 1, wherein the first
- 2 application is configured to retrieve patient image data from a picture archival and
- 3 communication system (PACS).
- 1 3. (Original) The patient data information system of claim 2, wherein the second
- 2 application is configured to retrieve patient textual data from a radiology information system
- 3 (RIS), wherein the patient data includes the patient textual data.
- 1 4. (Original) The patient data information system of claim 1, wherein the display
- 2 unit includes a monitor having a resolution of at least 90 dpi.
- 1 5. (Original) The patient data information system of claim 1, wherein the second
- 2 application is selected from the group consisting of a case signout application, a report entry
- 3 application, an order detailing application, and an order viewer application.
- 1 6. (Original) The patient data information system of claim 1, further comprising
- 2 a second workstation coupled to the workstation, the second workstation configured to
- 3 operate the second application.

1 7. (Original) The patient data information system of claim 1, wherein the second  
2 application is coupled to the first application via an object request broker.

C ( 1 8. (Original) The patient data information system of claim 7, further comprising  
2 a bridge coupled between the second application and the object request broker, wherein the  
3 second application communicates via the component object model (COM).

1 9. (Original) The patient data information system of claim 1, further comprising  
2 an input unit, the first application generating the patient context in response to user input at  
3 the input unit.

1 10. (Original) The patient data information system of claim 9, wherein the input  
2 unit is selected from the group consisting of a mouse, a voice recognition system, a keystroke,  
3 a switch, and a light pen.

1 11. (Original) The patient data information system of claim 1, wherein the patient  
2 context includes patient identification data.

1 12. (Original) The patient data information system of claim 11, wherein the  
2 patient context includes user identification data.

1 13. (Original) The patient data information system of claim 1, wherein the patient  
2 data includes patient examination information.

1 14. (Currently Amended) A method of integrating patient data from first and  
2 second applications ~~operating~~ residing on a single workstation, comprising:

3 displaying a first set of patient data using the first application on the  
4 workstation;

5 generating a patient context for a patient;

6 providing the patient context from the first application to the second  
7 application on the workstation;

8 receiving a second set of patient data based on the patient context; and

9 displaying the second set of patient data using the second application on the  
10 workstation.

1 15. (Original) The method of claim 14, further comprising retrieving the first set  
2 of patient data from an image database.

1 16. (Original) The method of claim 15, further comprising retrieving the second  
2 set of patient data from a radiology information system.

1 17. (Original) The method of claim 14, wherein the patient context includes  
2 patient identification data.

1 18. (Original) The method of claim 14, wherein the step of providing includes  
2 generating an event based on the patient context and providing the event to the second  
3 application.

1 19. (Original) The method of claim 18, further comprising converting the event  
2 from a first object model to a second object model and providing the converted event to the  
3 second application.

1 20. (Original) The method of claim 14, wherein the second application is selected  
2 from the group consisting of a case signout application, a report entry application, an order  
3 detailing application, and an order viewing application.

1 21. (Original) The method of claim 14, further comprising receiving an operator  
2 input from an input unit and generating the patient context for the patient in response to the  
3 operator input.

1 22. (Original) The method of claim 14, wherein the second set of patient data  
2 includes patient examination information.

1 23. (Currently Amended) An apparatus for integrating patient data from first and  
2 second applications ~~operating~~ residing on a single workstation, comprising:

3 a means for displaying a first set of patient data using the first application on  
4 the workstation;

5 a means for generating a patient context for a patient;

6 a means for providing the patient context from the first application to the  
7 second application on the workstation;

8 a means for receiving a second set of patient data based on the patient context;  
9 and

10 a means for displaying the second set of patient data using the second  
11 application on the workstation.

1 24. (Previously Amended) The apparatus of claim 23, further comprising a means  
2 for retrieving the first set of patient data from an image database.

1 25. (Previously Amended) The apparatus of claim 24, further comprising a means  
2 for retrieving the second set of patient data from a radiology information system.

1 26. (Previously Amended) The apparatus of claim 23, wherein the patient context  
2 includes the means for identifying a patient.

1 27. (Previously Amended) The apparatus of claim 23, wherein the means for  
2 providing includes a means for generating an event based on the patient context and  
3 providing the event to the second application.

1 28. (Previously Amended) The apparatus of claim 27, further comprising a means  
2 for converting the event from first object model to a second object model and a means for  
3 providing the converted event to the second application.

1 29. (Previously Amended) The apparatus of claim 23, wherein the second  
2 application is selected from the group consisting of a case signout application, a report entry  
3 application, an order detailing operation, and an order viewer application.

1 30. (Previously Amended) The apparatus of claim 23, further comprising a means  
2 for receiving an operator input and generating a patient context for the patient in response to  
3 the operator input.

1 31. (Previously Amended) The apparatus of claim 23, wherein the second set of  
2 patient data includes a means for providing patient examination information.

1 32. (New) A patient data information workstation, comprising:

2 a display;

3 a first application configured to retrieve and display patient images for a  
4 patient on the display and configured to generate patient context data associated with the  
5 patient; and

6 a second application in data communication with the first application, the  
7 second application configured to receive the patient context data from the first application and  
8 to retrieve and display patient textual data for the patient on the display based on the patient  
9 context data.

1 33. (New) A patient data information workstation according to claim 32, wherein  
2 the first application is configured to retrieve patient image data for a picture archival and  
3 communication system (PACS).

1 34. (New) A patient data information workstation according to claim 33, wherein  
2 the second application is configured to retrieve patient textual data from a radiology  
3 information system (RIS).

1 35. (New) A patient data information workstation according to claim 32, further  
2 including a third application in data communication with the first application, the third  
3 application configured to receive the patient context data from the first application and to  
4 retrieve and display patient data for the patient based on the patient context data.